12-27-05

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007, OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER 7-3 Unassign PRIORITY DATE CLAIMED

PINTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE

	032004/021029 Dune 30, 2004 Dune 30, 2003				
	INVENTION METHOD AND APPARATUS FOR COMMUNICATING SYMBOLS IN A MULTIPLE INPUT MULTIPLE OUTPUT COMMUNICATION SYSTEM USING INTERLEAVED SUBCARRIERS ACROSS A PLURALITY OF ANTENNAS				
1	NT(S) FOR DO/EO/US rt Van Zelst Jan Boer; Bas Driesen; Tim Schenk; and				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.				
4.	The US has been elected (Article 31).				
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
	a. is attached hereto (required only if not communicated by the International Bureau).				
	b. has been communicated by the International Bureau.				
	c. X is not required, as the application was filed in the United States Receiving Office (RO/US).				
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
	a. is attached hereto.				
	b. has been previously submitted under 35 U.S.C. 154(d)(4).				
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
	a. are attached hereto (required only if not communicated by the International Bureau).				
* .	b. have been communicated by the International Bureau.				
	c. have not been made; however, the time limit for making such amendments has NOT expired.				
	d. have not been made and will not be made.				
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).				
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).				
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).				
Items 11 to 20 below concern document(s) or information included:					
11. X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.				
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13.	A preliminary amendment.				
14.	An Application Data Sheet under 37 CFR 1.76.				
15.	A substitute specification.				
16.	A power of attorney and/or change of address letter.				
17	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.				
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).				
19. 🔲	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).				

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U.S. PRICA JORNOZ (Proovin, See & CFR 1.5)			INTERNATIONAL A	INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
Unassid	ined		PCT/US2004	PCT/US2004/021029		Boer 7-3-2-3	
20. Other items or information: International Search Report							
The fo	llowing fees have	heen submitted			CALCULATIONS	PTO USE ONLY	
The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))			\$300	\$	TOUSEONLY		
					300		
22. 🔀 Exa	mination fee (37 C						
 by IPEA 	nion prepared by I /US indicates all cons	\$200					
If the written opin IPEA/US Search fee (37 C International Sea previous)	orch fee (37 CFR 1 nion of the ISA/US 5 indicates all clain FR 1.445(a)(2)) honal Searching Au arch Report prepar y communicated to	\$400					
	TOTAL OF 21, 22		\$900				
sequenc electroni The fee i	e for specification e listing in complia c medium) (37 CF s \$250 for each ad						
Total Sheets			additional 50 or fraction p to a whole number)	RATE			
26-100=	0 50 =		. 0	x \$250	\$0		
Surcharge of \$13 after the date of o	0.00 for fumishing commencement of	^{\$} 130					
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims	<u> </u>	34 -20=	14	x \$50	\$ 750	.	
Independent clair	ns	7 -3=	4	x \$200	\$800		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$		
		\$					
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
		\$ 1,680					
	\$130.00 for furnis ate (37 CFR 1.492	\$	•				
•		\$ 2,580					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
TOTAL FEES ENCLOSED = \$ 2.580							
		Amount to be refunded:	\$.				
					Amount to be charged	\$	

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a. A check in the amount of \$	_ to cover the above fees is enclosed. PUTTO 22 DEC 2005						
	Note that the second Please charge my Deposit Account No. $50 - 0.762$ in the amount of \$2,580 to cover the above fees.						
c. The Commissioner is hereby authorized to charge an Account No. 50 – 0762 A duplicate copy of this si	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50 - 0762 A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:	Kai a Now						
Ryan, Mason & Lewis, LLP 1300 Post Road - Suite 205 Fairfield, CT 06824	SIGNATURE Kevibn M. Mason NAME 36,597						
	REGISTRATION NUMBER						
•							

"Express Mail" Label No.: EV458837898US

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit: December 22, 2005

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